

# POLYMERIC MATERIALS

**Patent number:** WO9101210  
**Publication date:** 1991-02-07  
**Inventor:** EVANS KENNETH ERNEST (GB);  
AINSWORTH KIM LESLEY (GB)

**Applicant:** NAT RES DEV (GB)

**Classification:**



**- international:** *B29C55/00; B29D31/00;  
B31D3/00; B32B3/28; B29C55/00;  
B29D31/00; B31D3/00; B32B3/28;*  
(IPC1-7): B29C55/00; B29C55/30;  
B29K23/00; B29K27/18

**- european:** B29C55/00B; B29D31/00R;  
B31D3/00B; B32B3/28






**Application number:** WO1990GB01081 19900713

**Priority number(s):** GB19890016231 19890714

**Also published as:**

 EP0482058 (A1)  
 GB2235200 (A)

**Cited documents:**

 EP0267719  
 EP0313263  
 EP0253513  
 US4279245  
 US4482516  
more >>

**Report a data error here**

Abstract not available for WO9101210

Abstract of corresponding document: **GB2235200**

Polymers having a microstructure comprising nodes and fibrils may exhibit a negative Poisson ratio. They may be produced by the compaction of a particulate polymer, e.g. UHMW polyethylene and the deformation of the compact by extrusion. The polymers find use in a variety of applications where they are subject to a load.



Data supplied from the **esp@cenet** database - Worldwide